- 22. (New) The cable according to claim 21, wherein the kaolin is present in an amount of about 3% to about 20% by dry weight in the mineral insulation.
- 23. (New) The cable according to claim 21, wherein the kaolin is present in an amount of about 3% to about 15% by dry weight in the mineral insulation.
- 24. (New) The cable according to claim 21, wherein the kaolin is present in an amount of about 5% to about 10% by dry weight in the mineral insulation.
- 25. (New) A method of manufacturing a metal sheathed mineral-insulated cable comprising, filling a metal sheath with at least one metallic conductor and a powdered mineral insulation filler comprising magnesium oxide and kaolin powder; and drawing down the sheath.
- 26. (New) The method according to claim 25, further comprising mixing the magnesium oxide and the kaolin powders to form the filler before the filling step.
- 27. (New) A method of reducing a decrease in resistivity of a cable at elevated temperatures comprising, disposing at least one metallic conductor in a metallic sheath; filling the sheath with a powdered mineral insulation filler comprising a mixture of magnesium oxide and kaolin; and drawing down the sheath.
- 28. (New) The method according to claim 27, wherein the kaolin is present in an amount of about 3% to about 20% by dry weight in the mineral insulation.
- 29. (New) The method according to claim 27, wherein the kaolin is present in an amount of about 3% to about 15% by dry weight in the mineral insulation.
- 30. (New) The method according to claim 27, wherein the kaolin is present in an amount of about 5% to about 10% by dry weight in the mineral insulation.
- 31. (New) A method of preventing moisture infiltration to a cable comprising, disposing at least one metallic conductor in a metallic sheath; filling the sheath with a powdered mineral insulation filler comprising a mixture of particles of magnesium oxide and kaolin powder; and drawing down the sheath.
- 32. (New) The method according to claim 31, wherein the kaolin powder is present in an amount of about 3% to about 20% by dry weight in the mineral insulation.